

Title (en)
Wire cable for saving energy

Title (de)
Kabel zur Energieeinsparung

Title (fr)
Câble économisant l'énergie

Publication
EP 2081196 A3 20100818 (EN)

Application
EP 09150320 A 20090109

Priority
TW 97200938 U 20080115

Abstract (en)
[origin: EP2081196A2] A wire cable for saving energy of an electrical conductor comprising: multiple electrical conductors (2), in which each electrical conductor (2) is composed of a slim metal or alloy wire (21) being covered by an insulation (22), and at least one support body (1) along with the axial direction to support said electrical conductors (2) and an insulation (3) to cover the electrical conductors (2) and the support body (1).

IPC 8 full level
H01B 7/42 (2006.01); **H01B 7/08** (2006.01)

CPC (source: EP KR US)
H01B 7/00 (2013.01 - KR); **H01B 7/425** (2013.01 - EP US); **H01B 9/00** (2013.01 - KR); **H01B 9/04** (2013.01 - KR);
H01B 7/0846 (2013.01 - EP US); **H01B 7/30** (2013.01 - EP US); **H01B 9/006** (2013.01 - EP US)

Citation (search report)

- [X] GB 2258940 A 19930224 - LIN LIEH CHAO [TW]
- [X] US 1701808 A 19290212
- [X] FR 2511178 A1 19830211 - HUBBELL INC HARVEY [US]
- [A] DE 19723879 C1 19980813 - FELTEN & GUILLEAUME ENERGIE [DE]
- [A] US 6100467 A 20000808 - KROULIK ERWIN K [US]

Cited by
CN101789282A; FR2989817A1; CN104364855A; US9473211B2; US11749925B2; WO2012079861A1; WO2013160819A1; TWI708268B; EP3767752A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2081196 A2 20090722; EP 2081196 A3 20100818; JP 2009170426 A 20090730; KR 20090078755 A 20090720; TW M340532 U 20080911; US 2009178825 A1 20090716; US 7772495 B2 20100810

DOCDB simple family (application)
EP 09150320 A 20090109; JP 2009006911 A 20090115; KR 20090002954 A 20090114; TW 97200938 U 20080115; US 34916209 A 20090106